

From: Jeff Rummel

To: Behnam Ghaffari

Date: November 03, 2021

Subject: FCC File No. 0814-EX-CN-2021

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Message:

Leidos, Inc.  
Pending File No. 0814-EX-CN-2021  
(Ref. 65264)

Mr. Ghaffari:

In response to your inquiry pursuant to Ref. 65264, Leidos's preliminary replies are as follows &ndash; please let us know if any further information is required:

Q: Is there a 2-way communication between the mobile airborne antenna and satellite in space?

A:

The satellite that is the target of Leidos's transmissions specified in the application is: XTAR-LANT operated by XTAR

The airborne operations described in the application will involve using the aircraft to provide a loop back test on itself to verify satellite communications systems. The aircraft will transmit to the satellite where it will be routed back to the aircraft which will receive its own transmission.

The satellite will only be acting as a pass-through device. It won't be transmitting (for Leidos's purposes as set forth in the application) aside from relaying Leidos's own transmissions. Leidos cannot speak to any other bandwidth or transmissions on the satellite's additional transponders however.

Best regards,

Jeff Rummel  
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